

A.) AMENDMENTS TO THE CLAIMS:

1. (currently amended) A method of configuring a network access device having a first network address allocated to a first subscriber of services of a first service provider ~~provided by a first service network~~, with a new second network address allocated to a second subscriber of services of ~~either the first service provider, or a second service provider provided by a second service network~~, wherein the network access device is connected by a common broadband connection to an access network ~~connected providing access~~ to a plurality of service networks providers, the method comprising the steps of:

selecting a service provider from a list of service providers stored by the network access device;

sending a request from the network access device to the access network, with user credentials for the second subscriber requesting a request to access to the first service provider, or a change to the second service provider the request including user credentials for the second subscriber retrieved from account configuration data stored on the network access device;

receiving a response from the access network; and

initiating a network address change request using a configuration protocol, whereby, a in which the first network address is released and the second network address allocated to the second subscriber of services of either the first or the second service providers provider is assigned by the access network to the network access device, the second network address being utilized used by the network access device to communicate data packets to the service network providing the selected service provider over the access network.

2. (previously presented) The method recited in Claim 1, wherein said request to said access network includes an authentication request for the second subscriber.
3. (currently amended) The method recited in Claim 2, wherein said response received from said access network includes an authentication status for the second subscriber from either the ~~first or the second service providers provider~~ and, if ~~when~~ authenticated, initiating said network address change ~~request~~.
4. (currently amended) The method recited in Claim 1, wherein the host configuration protocol is a dynamic host configuration protocol (DHCP).
5. (previously presented) The method recited in Claim 1, wherein the network access device receives an Internet Protocol address.
6. (currently amended) A method of configuring a network access device having a first network address allocated to a first subscriber of services of a first service provider ~~provided by a first service network, with a new second~~ network address allocated to a second subscriber of services of a second service provider ~~provided by a second service network~~, wherein the network access device is connected by a common broadband connection to an access network ~~connected to providing access to a plurality of service networks providers, the method comprising the steps of:~~

selecting the second service provider from a list of service providers stored by the network access device;

~~sending a request from the network access device to the access network, with user credentials requesting a change to a request to access the second service provider, the~~

request including user credentials for the second subscriber retrieved from account configuration data stored on the network access device;

receiving a response from the access network; and

initiating a network address change request using a DHCP configuration protocol,

whereby a in which the first network address is released and the second network address allocated to the second subscriber of services of the second service provider is assigned by the access network to the network access device, the second network address being utilized used by the network access device to communicate data packets to the service network providing the selected service second service provider over the access network.

7. (currently amended) A method of configuring a network access device having a first network address allocated to a first subscriber of services of a service provider provided by a first service network, with a new second network address allocated to a second subscriber of services of the service provider, wherein the network access device is connected by a common broadband connection to an access network communicating with having a service activation system and connected providing access to a plurality of service networks providers, the method comprising the steps of:

selecting the service provider from a list of service providers stored by the network access device;

sending authentication information for the second subscriber from the network access device to the service activation system over the access network;

receiving an authentication status for the second subscriber from the service activation system and, if when authenticated;

initiating a network address change request using a configuration protocol, whereby a in which the first network address is released and the second network address allocated to the second subscriber of the selected service provider is assigned by the access network to the network access device, the second network address being utilized used by the network access device to communicate data packets to the ~~service network providing the selected service provider over the access network~~.